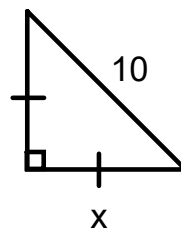


Warm-up: Geometry

1) Solve for x. Simplify answers, no decimals.



2) Simplify this radical (hint: get the radical out of the denominator). $\frac{15}{\sqrt{5}} =$ _____

Jan 23-7:24 PM

P.W. Solutions: pg.293 #'s: 5-7, 9-10

$$5) x = \frac{17\sqrt{2}}{2}$$

$$6) x = 4\sqrt{10}$$

$$7) x = 5\sqrt{6}$$

$$9) x = 10\sqrt{2} \text{ cm}$$

$$10) a) a = 3, b = 3\sqrt{2}$$

$$b) a = 8, b = 8$$

$$c) a = 9\sqrt{15}, b = 9\sqrt{30}$$

Jan 23-7:25 PM

Agenda:

Video forms - chips

Quiz reflection

Notes

In-class work

P.W.: Assignment #3 (just 45-45-90 triangle problems)

Jan 23-8:28 PM

Quiz Reflection:

Reflection questions are posted on
mrbenzmath.weebly.com

Go to Geometry, assessments, quiz 1:
Similarity

Due on Wednesday, 1/29/20

Jan 23-7:39 PM

W.A.L.T.:

Understand the 30-60-90 right triangle properties.

W.A.S.I.:

Identify and use 30-60-90 triangle properties to solve problems.

Jan 22-8:08 AM

number



Jan 24-3:21 PM

Notes:

The other type of special right triangle is the 30-60-90 triangle.

It also has properties like the 45-45-90.

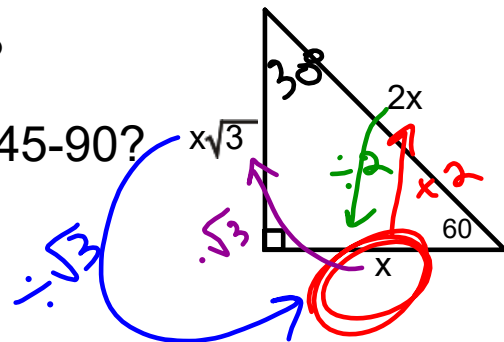
Jan 23-7:26 PM

Notes:

Why does it make sense for the sides to be the size they are?

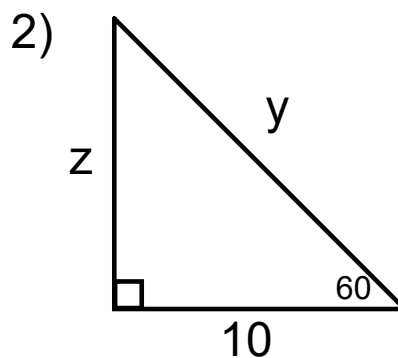
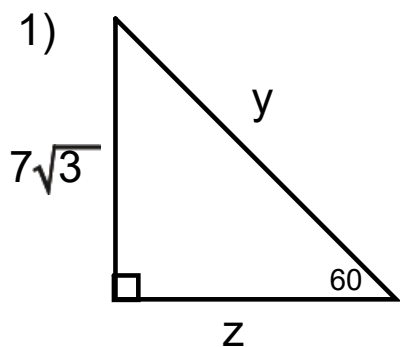
What path should we not go?

How is this different from 45-45-90?



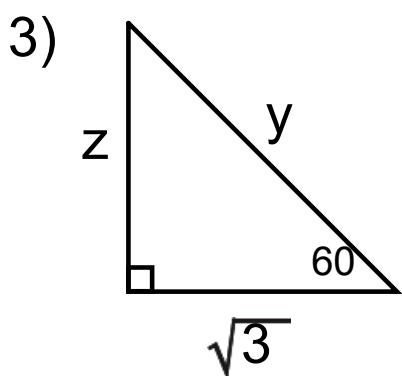
Jan 23-7:26 PM

In-class work:

Find y and z , simplify (no decimals).

Jan 23-7:43 PM

In-class work:



Jan 23-7:43 PM

P.W.:

Assignment #3: for now, **only do the 45-45-90** triangle problems.

Jan 23-7:44 PM